

**MOTOROLA**  
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Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048

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**9**

Number of Pages (including this page)

Date: 11/08/2005  
To: Commissioner for Patents  
Location: United States Patent and Trademark Office  
Fax No.: (571) 273-8300  
From: Hisashi D. Watanabe Registration No. 37,465  
Subject: Serial No. 09/629,321 Docket No. PF01869NA

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**MESSAGE:**

Enclosed herewith, please find:

- ☒ Amendment (6 pages)
- ☒ Amendment Transmittal Form
- ☒ Fee Transmittal Form
- ☐ Petition for Extension of Time

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:  
GROUP ART UNIT:  
SERIAL NO.:  
FILED:  
INVENTOR:

Jackson, Blane J.  
2685  
09/629,321  
07/31/2000  
Hill, Thomas C. et al.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>ADMENDMENT TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/629,321
	Filing Date	07/31/2000
	First Named Inventor	Hill, Thomas C. et al.
	Group Art Unit	2685
	Examiner Name	Jackson, Blane J.
	Attorney Docket Number	PF01869NA

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Alter Allowance Communication to Group
<input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Fee Address Indication Form	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Response to Missing Parts Incomplete Application	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Small Entity Statement	
	<input type="checkbox"/> Request for Refund	

Remarks:

## CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	20280 (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below	
Name:	Motorola, Inc.		
Address:	Intellectual Property Department		
	600 North U.S. Highway 45, AN475		
City: Libertyville	State: Illinois	Zip Code:	60048
Country: USA	Telephone: 847-523-2322	Fax:	847-523-2350

Name (Print/Type)	Hisashi D. Watanabe	Registration No.	37,465
Signature	<i>Hisashi D. Watanabe</i>	Date	11/08/05

CERTIFICATE OF TRANSMISSION	
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent Office at (571) 273-8300 on this date: 11/08/2005	
Typed or printed name: Signature	<i>Hisashi D. Watanabe</i> <i>Hisashi D. Watanabe</i>
Date	11/08/05

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## FEE

## TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

## Complete If Known

Application Number 09/629,321  
 Filing Date 07/31/2000  
 First Named Inventor Hill, Thomas C. et al.  
 Examiner Name Jackson, Blane J.  
 Group Art Unit 2685  
 Attorney Docket No. PF01869NA

## METHOD OF PAYMENT (check all that apply)

Check ☐ Credit card ☐ Money Order ☐ Other ☐ None ☐

☒ Deposit Account:

Deposit Account Number

502117

Deposit Account Name

Motorola, Inc.

☒ The Director is authorized to: (check all that apply)☒ Charge fee(s) indicated below☒ Credit any overpayments☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXTRA CLAIM FEES

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Multiple Dependent Claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
3	- 20 or HP = 0	x 50 = 0		360		

HP = highest number of total claims paid for, if greater than 3

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3	- 3 or HP = 0	x 200 = 0	

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity)

For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =		/50 = (round up to a whole number)	x 250 =	

## FEE CALCULATION (continued)

## 4. ADDITIONAL FEES

	Large Entity	Small Entity	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2520	1812	2520
1804	920*	1804	920*
1805	1840*	1805	1840*
1251	120	2251	60
1252	450	2252	225
1253	1020	2253	510
1254	1590	2254	795
1255	2160	2255	1080
1401	500	2401	250
1402	500	2402	250
1403	1000	2403	500
1451	1510	1451	1510
1452	500	2452	250
1453	1500	2453	750
1501	1400	2501	700
1502	800	2502	400
1503	1100	2503	550
1450	130	1450	130
1807	50	1807	60
1808	180	1808	180
8021	40	8021	40
1809	790	2809	395
1810	790	2810	395
1801	790	2801	395
1802	900	1802	900

## 5. OTHER FEE(S) (specify)

Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

## SUBMITTED BY

Name (Print/Type) Hisashi D. Watanabe

Signature

Hisashi D. Watanabe

Registration No. 37,465 Telephone 847-523-2322

Date

11/08/05

Serial No. 09/629,321  
Amdt. dated November 08, 2005  
Reply to Office Action of September 26, 2005

Attorney Docket No. PF01869NA

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****NOV 08 2005**

Application No.: 09/629,321

Confirmation No.: 4702

Applicant(s): Hill, Thomas C., et al.

Examiner: Jackson, Blane J.

Filed: July 31, 2000

Docket No.: PF01869NA

TC/A.U.: 2685

Customer No.: 20280

Title: Method and Apparatus to Improve Capacity and Battery Life of an Ad  
Hoc Network System Using Sensor Management

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action of September 26, 2005, please amend the above-  
identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2  
of this paper.

**Remarks** begin on page 5 of this paper.